

FOR UTILITY/DESIGN  
CIP/PCT NATIONAL/PLANT  
ORIGINAL/SUBSTITUTE/SUPPLEMENTAL  
DECLARATIONS

RULE 63 (37 C.F.R. 1.55)  
DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PM & S  
FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED APPARATUS FOR SEPARATION OF CONSTITUENTS FROM MATRICES

the specification of which (CHECK applicable BOX(ES))  
X → ☐ is attached hereto.  
BOX(ES) → ☒ was filed on November 13, 1998 as U.S. Application No. 09/191,702  
→ ☐ was filed as PCT International Application No. PCT/ / on

and (if applicable to U.S. or PCT application) was amended on

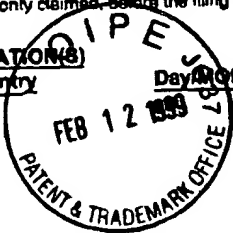
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/385 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S)  
Number Country Day/MONTH/Year Filed

Date first Laid-  
open or Published

Date Patented  
or Granted

Priority Claimed  
Yes No



I hereby claim domestic priority benefit under 35 U.S.C. 119/120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)  
Application No. (series code/serial no.) Day/MONTH/Year Filed

Status  
pending, abandoned, patented

Priority Claimed  
Yes No

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Madison & Suto LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3818, telephone number (202) 881-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above firm and/or a below attorney in writing to the contrary.

Paul N. Kokulis	16773	Edward M. Prince	22429	Michelle N. Lester	32331	Paul F. McQuade	31542
Raymond F. Lippltt	17519	David W. Brinkman	70817	Jeffrey A. Simenauer	31993	Ruth N. Morduch	31044
G. Lloyd Knight	17698	Donald J. Bird	25323	G. Paul Edgell	24238	Richard H. Zaltien	27248
Carl G. Love	18781	Peter W. Gowday	25872	Lynn E. Eccleston	35861	Roger R. Wise	31204
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Kevin E. Joyce	20508	Glenn J. Perry	28458	Mark G. Paulson	30793		
George M. Sirillo	18221	Kendrew H. Colton	30388	Stephen C. Glazier	31361		

(1) INVENTOR'S SIGNATURE:

Date:

JEFFREY	K.	O'HAM
First	Middle Initial	Family Name
Residence	CHARLOTTE	NORTH CAROLINA
City	State/Foreign Country	Country of Citizenship
Post Office Address	3610 HIGHVIEW ROAD, CHARLOTTE, NORTH CAROLINA	
(Include Zip Code)	28210	

(2) INVENTOR'S SIGNATURE:

Date:

First	Middle Initial	Family Name
Residence		
City	State/Foreign Country	Country of Citizenship
Post Office Address		
(Include Zip Code)		

(FOR ADDITIONAL INVENTORS, check box ☐ to attach PAT 116-2 same information for each re signature, name, date, citizenship, residence and address.)

Inventor(s): JEFFREY K. O'HAM

Atty. Dkt.

Appln. No.: 09/191,702

or Patent No.: \_\_\_\_\_

251910/Filed: NOVEMBER 13, 1998

or Issued.: \_\_\_\_\_

M# / Client Ref.

Title: APPARATUS FOR SEPARATION OF CONSTITUENTS FROM MATRICES**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(d) and 1.27 (c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

the owner of the small business concern identified below:

☒ an official of the small business concern empowered to act on behalf of the concern identified below:NAME OF CONCERN IR SYSTEMS INTERNATIONALADDRESS OF CONCERN 1373 EAST MOREHEAD STREET, SUITE 202, CHARLOTTE, NORTH CAROLINA 28204

**I hereby declare** that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year. and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

**I hereby declare** that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention entitled: APPARATUS FOR SEPARATION OF CONSTITUENTS FROM MATRICES

by inventor(s) JEFFREY K. O'HAM described inx → ☐ the specification filed herewith,one → ☒ Application No. 09/191,702, filed NOVEMBER 13, 1998box → ☐ Patent No. \_\_\_\_\_, issued \_\_\_\_\_

If the rights held by the above identified small business concern are not exclusive, each small entity individual, concern or organization having rights to the invention is listed in (A) and (B) below and no rights to the invention are held by any person, other than the inventor, who could not qualify under 37 CFR 1.9(c) as an independent inventor if that person had made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

(A) FULL NAME of assignee/licensee/grantee/conveyee\* \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

(B) FULL NAME of assignee/licensee/grantee/conveyee\* \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

\*NOTE: Separate verified statement is required from each person, concern or organization named in (A) and (B) above having rights to the invention, averring to his/her/its status as a small entity. (37 CFR 1.27)

I acknowledge the duty to file, in this case, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING JEFFREY K. O'HAMTITLE OF PERSON OTHER THAN OWNER VICE-PRESIDENTADDRESS OF PERSON SIGNING 1373 EAST MOREHEAD STREET, SUITE 202, CHARLOTTE, NORTH CAROLINA 28204

SIGNATURE

Jeffrey K. O'Ham

DATE

2-8-99